

COUNTY OF KNOX



PERMIT ISSUED FOR:

Rotary Aluminum Recovery
Furnace #1

PERMIT NO. 0525-02

SOURCE NO. 0525

PROCESS NO. 02

PERMIT TO OPERATE A POTENTIAL AIR CONTAMINANT SOURCE

ISSUED BY
**KNOX COUNTY DEPARTMENT
OF AIR POLLUTION CONTROL**

CITY-COUNTY BUILDING
400 MAIN AVENUE
KNOXVILLE, TENNESSEE 37902

ISSUED TO: Rotary Furnace, Inc. (a.k.a. Rotary Furnace, Inc.)

MAILING ADDRESS: P. O. Box 2704, Knoxville, TN 37901

SOURCE LOCATION: 1455 Maryville Pike, Knoxville, TN

THIS IS TO CERTIFY THAT AN INSPECTION AND REVIEW OF THE POTENTIAL AIR CONTAMINANT SOURCE DESCRIBED ABOVE HAS BEEN MADE, AND THAT SAID POTENTIAL AIR CONTAMINANT SOURCE HAS BEEN FOUND TO BE IN COMPLIANCE WITH ALL KNOX COUNTY AIR POLLUTION CONTROL REGULATIONS AS PER ISSUANCE DATE. THE APPLICANT IS THEREFORE GRANTED, UNDER THE CONDITIONS DESCRIBED BELOW, A PERMIT TO OPERATE SAID POTENTIAL AIR CONTAMINANT SOURCE.

THIS PERMIT IS ISSUED PURSUANT TO THE PROVISIONS OF THE STATE OF TENNESSEE AIR POLLUTION CONTROL REGULATIONS; PUBLIC CHAPTER NO. 367 AMENDED; PRIVATE CHAPTER NO. 37; AND SECTION 25 OF THE KNOX COUNTY AIR POLLUTION CONTROL REGULATIONS.

THIS PERMIT IS ISSUED SUBJECT TO THE ACCURACY OF ALL INFORMATION SUBMITTED RELATING TO THE PERMIT APPLICATION AND TO ANY CONDITIONS NOTED AND IS NOT TRANSFERABLE.

THIS PERMIT MAY BE REVOKED AT ANY TIME A VIOLATION OF THE KNOX COUNTY AIR POLLUTION CONTROL REGULATIONS OR THE TENNESSEE AIR POLLUTION CONTROL REGULATIONS, WHICHEVER IS APPLICABLE, OCCURS.

DATE September 11, 1985

Terry C. Harris
DIRECTOR, KNOX COUNTY DEPARTMENT
OF AIR POLLUTION CONTROL

CONDITIONS:

The conditions under which this source is permitted to operate are listed on the reverse side of this operating permit.

RENEWAL DATE: September 11, 1986

APPROVED BY:

THIS PERMIT OR A LEGIBLE PHOTOCOPY THEREOF SHALL BE PLACED IN A CONSPICUOUS PLACE ON OR NEAR THE POTENTIAL AIR CONTAMINANT SOURCE

ED IN A CONSPICUOUS

Permit No. 0525-02 (Continued)

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Knox County Air Pollution Control Regulations.

CONDITIONS

- 1) The Rotary Aluminum Recovery Furnace #1 is permitted to operate subject to continuous compliance with Knox County Air Pollution Control Regulation 17.0 (Regulation of Visible Emissions), 19.0 (Regulation of Process Emissions), 25.0 (Permits), and 34.0 (Malfunction of Equipment) and subject to continuous particulate and volatile organic compound or hazardous emission control by effective use of baghouse exhausted vent for particulates and following requirement A.3 as per Compliance Schedule Agreement, November 26, 1984, for volatile organic compound and hazardous emissions.
- 2) All equipment must be maintained in "Good Working Order" to achieve greatest effective emission control.
- 3) All times must follow all operational requirements as set forth in Section A of the Compliance Schedule Agreement with the Knox County Department of Air Pollution Control on November 26, 1984.
- 4) Any shut down or failure of the baghouse/ventilation system on this unit requires immediate shut down of this unit until the equipment is repaired. In such cases, the Department of Air Pollution Control is to be notified at the earliest possible time.
- 5) The owner or operator of this source must maintain a log of maintenance operations and air pollution control equipment or strategy failure. The owner or operator shall submit by letter on or before January 31 of each year a listing of all air pollution control equipment or strategy failures which persisted for more than 24 hours in said calendar year.